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### III.

## Key to the Publications of the United States Census. (1790-1887.)

### SECTION A. — POPULATION.

#### I. — NUMBERS.

1607-1790.<sup>1</sup> Colonial Population.

1701, 1749, 1775. Colonial Population. <sup>2</sup>7, xxx, xxxi; 7, Comp., 37-39.

1790.<sup>3</sup> Schedule of the whole number of persons in the several districts of the United States, by states, counties, and towns, showing: (a) free white males of sixteen years and upward; (b) free white males under sixteen years; (c) free white females; (d) all other free persons; (e) slaves. — **First Census.**

Population by counties. 5, 2-25; 9, I, 11-74; 10, I, 49-85.

Population by states and territories. 5, 26, 27; 6, Comp., 366; 7, Table V, under each state and territory; 7, ix; 7, Abst., 150-153; 8, Prel. Rep., 124-133; 8, 600-604; 9, I, 3-8.

1800.<sup>4</sup> Enumeration of persons in the several districts of the United States, by states, counties, and towns, showing free white males, free white females, slaves, etc., as in 1790. — **Second Census.**

<sup>1</sup> Cf. Geo. Tucker, *Progress of the United States in Population and Wealth in Fifty Years* (New York: 1843), p. 16. J. D. B. DeBow, *Industrial Resources of the Southern and Western States* (New Orleans: 1853), Vol. III, p. 404. Harper, *First Century of the Republic* (New York: 1876), chap. vii. Especially Franklin Bowditch Dexter, *Estimates of Population in the American Colonies* (pamphlet, Worcester, Mass.: 1887). Second Session Forty-First Congress, House Reports, Vol. I, No. 3, pp. 27-33 (*Garfield's Report*). Bancroft, *History of the United States*, Vol. IV, pp. 127, 128.

<sup>2</sup> The first number in the references (in bold-face type) indicates the date of the census; the second number (in Roman numerals) indicates the volume; the third number (in Arabic or in Roman numerals, as the case may be) indicates the page. An asterisk before a title indicates that the reference is to a map, diagram, or chart.

<sup>3</sup> Cf. Tucker, as above, pp. 13-17; Harper, *First Century*, as above, chap. vii; Seybert, *Statistical Annals*, pp. 20-56.

<sup>4</sup> Cf. Tucker, as above, pp. 18-22. D. B. Warden, *Statistical, Political, and Historical Account of the United States of North America* (1819), chap. xxxv.

Population by counties. See references above, under "Population by counties," for 1790.

Population by states and territories. See references above, under "Population by states and territories," for 1790.

1810.<sup>5</sup> Enumeration of persons in the several districts of the United States, by states, counties, and towns, showing free white males, free white females, slaves, etc., as in 1790. — **Third Census.**

Population by counties. See references for 1790, above.

Population by states and territories. See references for 1790.

1820.<sup>6</sup> Enumeration of the persons in the United States, by states, counties, towns, etc., showing free white males, free white females, foreigners and naturalized citizens, slaves, free colored persons, etc. — **Fourth Census.**

Population by counties. See references above, under "Population by counties," for 1790.

Population by states and territories. See references above, under "Population by states and territories," for 1790.

1830.<sup>7</sup> Enumeration of the people in the United States, together with a recapitulation of the four previous censuses, by states, territories, counties, towns, etc., showing free white persons (males and females, with subdivisions as to age), free colored persons, slaves, etc. — **Fifth Census.**

Population by counties. See references above, under "Population by counties," for 1790.

Population by states and territories. See references under "Population by states and territories," for 1790, above.

Epitome of the whole population of the states and territories in 1830. **5**, 162, 163.

General errata of the Fifth Census. **5**, 164, 165.

1790–1830.<sup>8</sup> Abstract of the Census from 1790 to 1830. **6**, Comp., 370, 371.

1840.<sup>9</sup> Enumeration of the people in the United States, by states,

<sup>5</sup> Cf. Tucker, as above, pp. 23–27. Warden, as above, chap. xxxv.

<sup>6</sup> Cf. Tucker, as above, pp. 28–35.

<sup>7</sup> Cf. Tucker, as above, pp. 36–45.

<sup>8</sup> "So hastily and heedlessly was this work performed [republishing of the results of the first four censuses] that it must be regarded as absolutely valueless. Many pages of that republication would, by merely noting the necessary corrections, be almost as much disfigured as the worst proof of statistical matter ever seen in a printing house." **9**, I, xliv, F. A. Walker.

<sup>9</sup> Cf. Tucker, as above, pp. 46–55.

counties, towns, etc., showing free white persons, free colored persons, slaves, etc. — **Sixth Census.**

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Epitome and recapitulation. **6**, 474-476.

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1790-1850.<sup>10</sup> Population in each state and territory decennially, 1790-1850. Abst., **7**, 150-153.

1860.<sup>11</sup> For each state and territory there is given, by counties, population by age and sex; population by color and condition; population of cities and towns; free population, native and foreign; nativities of free population, etc. — **Eighth Census.**

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Population by counties. **10**, I, 49-85.

Population by states and territories. **9**, I, 3-8.

<sup>10</sup> Cf. DeBow, as above, Vol. III, pp. 404-419.

<sup>11</sup> Cf. Sir S. Morton Peto, Bart., *Resources and Prospects of America* (New York: 1866), Sec. I.

<sup>12</sup> Cf. Harper, *First Century*, as above, chap. vii.

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Population by civil divisions less than counties. **10**, I, 87-375.

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870.<sup>14</sup> Table of sex. showing the number of males and females of the aggregate, the native, and the foreign-born population, etc. **9**, I, 605-655.

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<sup>3</sup> Cf. Tucker, as above, pp. 60-62.

<sup>4</sup> Cf. Francis A. Walker, *Statistical Atlas*, plates xxxvii-xxxix.

<sup>5</sup> Cf. Scribner, *Statistical Atlas*, plate 23.

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<sup>16</sup> Cf. Walker, *Statistical Atlas*, plate xx.

<sup>17</sup> Cf. Walker, *Statistical Atlas*, plates xxiii-xxviii; *Journal of Social Science*, No. V, pp. 83-89 (F. A. Walker).

<sup>18</sup> Cf. *Statistical Atlas*, plates xxi, xxii; *Journal of Social Science*, No. V, pp. 81-83 (F. A. Walker).

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<sup>10</sup> Cf. Scribner, *Statistical Atlas*, plates 24-29.

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<sup>20</sup> Cf. Harper, *First Century*, as above, chap. vii.

<sup>21</sup> Cf. Scribner, *Statistical Atlas*, plate 22.



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<sup>22</sup> For statistics concerning the population of cities previous to this date, cf. Tucker, as above, pp. 127-134; John Macgregor, *Progress of America* (London, 1847), Vol. II, pp. 75-79; Cf. also, Scribner, *Statistical Atlas*, plate 21 (*The Rank of Cities, 1790-1880*).

<sup>23</sup> Cf. Scribner, *Statistical Atlas*, plates 30, 31.

<sup>24</sup> Cf. Donaldson, *The Public Domain*, pp. 1-29, 89-145, 416-464, 517-552, 1179-1214; Walker, *Statistical Atlas*, plates xv-xix; Scribner, *Statistical Atlas*, plates 12-20.

<sup>25</sup> Cf. *Journal of Social Science*, No. V, pp. 75-81 (F. A. Walker).

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<sup>26</sup> Comparative increase of slaveholding and non-slaveholding states, 1810-1840; Macgregor, as above, Vol. II, pp. 91, 92.

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#### VIII. — IMMIGRATION.<sup>27</sup>

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### SECTION B.—AGRICULTURE.

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<sup>27</sup> On the subject of Immigration, see 8, Mortality, xxxiii-xxxv and lxiv-lxvi; cf. Scribner, *Statistical Atlas*, plates 34-37; Harper, *First Century*, chap. vii.

<sup>28</sup> Increase of Population from Europe to America, 1790-1840; Macgregor, as above, Vol. II, pp. 84-91; cf. Seybert, *Statistical Annals*, p. 29 (*Statement of the Persons who arrived from Foreign Countries in 1817*); cf. Tucker, as above, pp. 80-88. On the general subject, cf. *Migration and Immigration; Reports of the Consular Officers of the United States* [Washington, 1887].

- 1860.<sup>29</sup> Acres of land in farms, etc., by states and territories. **8**, Prel. Rep., 196, 197 ; **8**, Agriculture, 184 ; **9**, III, 86 ; **10**, III, 16.
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<sup>29</sup> On the general subject of agriculture at this time, cf. Peto, *Resources of America*, as above, section ii.

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- \*Map showing the production of hay. **9**, III, 216.
- 1880.<sup>30</sup> Average yield of cereals per acre. **10**, III, 328.
- Productions of rye and buckwheat. **10**, III, Rep. on Cereals, 122-130.
- Production of the principal cereal grains, by states and territories. **10**, III, 177; **10**, III, 6; **10**, Comp., 738-741.
- The same by counties. **10**, III, 178-211; **10**, Comp., 742-831.
- \* Maps showing relation between production of Indian corn and total areas, etc. **10**, III, Rep. on Cereals, 90, 94, 102.
- The same for oats and total area, etc. **10**, III, Rep. on Cereals, 111, 115.
- The same for barley. **10**, III, Rep. on Cereals, 117, 119.
- The same for rye. **10**, Rep. on Cereals, 122.
- The same for buckwheat. **10**, Rep. on Cereals, 126.
- The same for grain. **10**, Rep. on Cereals, 1.
- The same for wheat. **10**, Rep. on Cereals, 60, 64, 72.
- Movement and handling of grain. **10**, Rep. on Cereals, 153-163.
- The wheat production of the world. **10**, Rep. on Cereals, 88, 89.
- \*Distribution of cereals in accordance with geographical, physical, and climatic features. **10**, Rep. on Cereals, 11-16.
- Chemical composition of American cereals. **10**, Rep. on Cereals, 34-48.
- \*Distribution of principal cereals by latitude and longitude. **10**, Rep. on Cereals, 164, 165.
- Total cereal production by states, and per cent of total produced by each. **10**, Rep. on Cereals, 10.
- Loss and gain in weight of grain due to spontaneous loss and gain of moisture. **10**, Rep. on Cereals, 31-33.

<sup>30</sup> Cf. Scribner, *Statistical Atlas*, as above, plates 96-110; Patton, *Natural Resources*, as above, chaps. xxxviii, xxxix.

## III. — LIVE STOCK.

1840. Statistics concerning live stock, by states and territories. **6**, Vol. on Commerce, 408, 409; **6**, Comp., 354; **7**, lxxxvi; **7**, Comp., 170, 171.

The same by counties. **6**, under each state and territory, statistical section headed "Agriculture"; **6**, Comp., under each state, etc., as above.

1850. Statistics concerning live stock, by states and territories. **7**, 9, 110; **7**, Abst., 86; **7**, Comp., 170; **9**, III, 91; **10**, III, 21.

1860. Statistics concerning live stock, by states and territories. **8**, Agriculture, 184, 185; **9**, III, 86, 87; **9**, Comp., 709; **10**, III, 16, 17.

The same by counties. **8**, Agriculture, 1-183.

- 1870, 1880. Number and value of living animals exported from the United States. **10**, III, Report on Cereals, 152.

1870. Live stock and its productions, by states and territories. **9**, III, 82; **10**, III, 12; **9**, Comp., 697, 708.

The same, by counties. **9**, III, 93-286.

The same, by leading townships. **9**, III, 287-338.

- 1880.<sup>31</sup> Live stock and its productions, by states and territories. **10**, III, 5, 141; **10**, Comp., 832.

The same, by counties. **10**, III, 142-176; **10**, Comp., 834-923.

Statistics of cattle, sheep, and swine, by leading states and territories. **10**, III, Report on Cattle, Sheep, and Swine, 1-149.

## IV. — COTTON.

840. Production of cotton, by states and territories. **7**, Comp., 173; **7**, lxxxiv, lxxxv; **6**, 409; **6**, Comp., 355.

Production of cotton by counties, etc. **6**, Vol. on Commerce, under each state and territory, statistical section headed "Agriculture." **6**, Comp., under each state and territory as above.

Total production of cotton. **7**, Comp., 174.

850. Production of cotton by states and territories. **7**, Abst., 90, 91; **7**, Comp., 173; **8**, Agriculture, xciii, xciv; **7**, lxxxii, lxxxiii; **9**, III, 90; **10**, III, 22.

<sup>31</sup> Cf. Scribner, *Statistical Atlas*, as above, plates 111-117.

Production of cotton by counties. **7**, Table XI, under each state and territory.

Total production of cotton. **7**, Comp., 174.

Miscellaneous statistics about cotton. **7**, Abst., 154-159.

1850, '60, '70. Production of cotton, by states and territories. **9**, Comp., 698, 699.

1850, '60, '70, '80. Production of cotton, by states and territories. **10**, Comp., Part I, 666.

1860. Production of cotton, by states and territories. **8**, Agriculture, xciii, xciv; **8**, Agriculture, 185; **9**, III, 88; **10**, III, 18.

Production of cotton by counties. **8**, Agriculture, 1-183.

1870. Production of cotton, by states and territories. **9**, III, 83; **10**, III, 13.

Production of cotton, by counties. **9**, III, 93-286.

Production of cotton, by leading townships. **9**, III, 287-338.

\*Map showing cotton production. **9**, III, 160.

1880. Reports from the cotton-producing states, with chapters upon these details: Table showing area, population, tilled land, and leading crops; Physico-geographical and agricultural features of the state; Table showing acreage and production of leading crops; Cultural and economic details of cotton production; \*Agricultural map of the state; \*Map showing the relation between the area planted in cotton and the total area; Tables showing "banner counties" as regards cotton production.

In Vol. VI of the Tenth Census are similar reports from California, New Mexico, Utah, Arizona, North Carolina, Florida, Georgia, Alabama, South Carolina, Virginia, the republic of Mexico. In Vol. V of the Tenth Census are reports of this nature from Texas, Kentucky, Tennessee, Missouri, Indian Territory, Arkansas, Mississippi, Louisiana.

Table showing the area and the cotton production of each agricultural region of the cotton-producing states. **10**, V, 4.

Table showing population, tilled land, and cotton production for the United States. **10**, V, 5.

Table showing "banner counties" in each state. **10**, V, 5.

Measurements of cotton fibre. **10**, V, 11-40.



Table showing maxima and minima of measurements for the Southern States. **10**, V, 32.

Soil investigation : methods, interpretation of the analytical results, etc. **10**, V, 53-70.

\*General agricultural maps for all the cotton states. **10**, V, 3 ; **10**, V, 6.

General index to cotton production. **10**, V, 873-924 ; **10**, VI, 797-848.

History of cotton gins. **8**, Agriculture, xxvi-xxviii.

The production and uses of cottonseed, and the cottonseed-oil industry. **10**, V, 41-52.

Cottonseed-oil mills : tabulated replies to questions regarding machinery, capacity, product per ton, source of supply, etc. **10**, V, 44, 45.

Table showing cottonseed production, etc., of 1879. **10**, V, 49.

Table showing soil ingredients withdrawn by various crops. **10**, V, 50.

#### V. — TOBACCO.

1840. Production by states and territories. **6**, 408, 409 ; **6**, Comp., 354-361 ; **7**, lxxxiv, lxxxv ; **7**, Comp., 170-178.

The same, by counties. **6**, Statistical section headed "Agriculture" under each state and territory. **6**, Comp., Statistical section, etc.

1850. Production, by states and territories. **7**, Comp., lxxxii, lxxxiii, and 170-178 ; **7**, Abst., 83-97 ; **9**, III, 90 ; **10**, III, 22.

The same, by counties. **7**, Table XI, under each state and territory. **7**, Comp., 194-337.

1860. Production by states and territories. **8**, Agriculture, 185 ; **9**, III, 88 ; **10**, III, 18.

The same, by counties. **8**, Agriculture, 1-183.

1870. Production by states and territories. **9**, III, 83 ; **9**, Comp., 700 ; **10**, III, 13.

The same, by counties. **9**, III, 93-286 ; **9**, Comp, 712-793.

The same, by leading townships. **9**, III, 287-338.

\*Map showing production of tobacco. **9**, III, 288.

1880. Production, by states and territories. **10**, III, 9, 250; **10**, Comp., 671, 741.  
 The same, by counties. **10**, III, 252-327; **10**, Comp., 742-831.  
 Culture and care of tobacco in leading states. **10**, III, Report on Tobacco, 25-255.  
 Varieties of the tobacco plant. **10**, III, Report on Tobacco, 15-24.  
 The chemistry of American tobacco. **10**, III, Report on Tobacco, 246-280.

VI.—WOOL, APIARIAN PRODUCTS, RICE, POTATOES, HOPS,  
 GRASS LANDS, DAIRY PRODUCTS, ETC.

- 1840.<sup>32</sup> Production, by states and territories. **6**, Manufactures, 408, 409; **6**, Comp., 354-361; **7**, lxxxiv, lxxxv; **7**, Comp., 170-178.  
 The same, by counties. **6**, Manufactures, statistical section headed "Agriculture" under each state and territory. **6**, Comp., statistical section, etc.  
 1850. Production, by states and territories. **7**, lxxxii, lxxxiii; **7**, Comp., 170-178; **7**, Abst., 83-97; **9**, III, 90, 91; **10**, III, 20-24.  
 The same, by counties. **7**, Table XI, under each state and territory; **7**, Comp., 194-337.  
 1860. Production, by states and territories. **8**, Agriculture, 184-192; **9**, III, 86-89; **10**, III, 16-19.  
 The same, by counties. **8**, Agriculture, 1-183.  
 1870.<sup>33</sup> Production, by states and territories. **9**, III, 80-87; **10**, III, 11-15.  
 The same, by counties. **9**, III, 93-286.  
 The same, by leading townships. **9**, III, 287-338.  
 1880. Production, by states and territories. **10**, III, 250, 251; **10**, Comp., 738-741.  
 The same, by counties. **10**, III, 252-327; **10**, Comp., 742-831.

<sup>32</sup> On the general subject in the earlier period, cf. Pitkin, *Statistical View*, as above, chap. iv; Warden, *Statistical Account*, as above, chap. xxxviii; Macgregor, *Progress of America*, as above, Vol. II, pp. 474-544.

<sup>33</sup> Cf. Walker, *Statistical Atlas*, as above, plate xxxvi; Harper, *First Century*, as above, chap. iv.

## SECTION C.—MANUFACTURES.

## I.—IN GENERAL.

- 1840.<sup>34</sup> Statistics, by states and territories. **6**, Commerce, 408, 409.  
The same, by counties. **6**, Commerce, statistical section headed  
“Manufactures” under each state and territory.
- 1850.<sup>35</sup> Statistics, by states and territories. **7**, Comp, 170–189.  
The same, by counties. **7**, Table XI, under each state and territory.
- 1850, '60, '70. General statistics by specified industries, etc. **9**, III, 391–535.
- 1850, '60, '70, '80. Manufactures by totals, states, and territories. **10**, II, 5–8.
- 1860.<sup>36</sup> Statistics of specified industries, by counties. **8**, Manufactures, 1–673.  
The same, by great divisions of the country. **8**, Manufactures, 675–725.  
Exhibit of the total manufactures. **6**, Manufactures, 725–742.  
Comments on statistics of Eighth Census. **8**, Manufactures, ix–ccxvii.
1870. General statistics, by counties. **9**, III, 491; **9**, Comp., 796–938.  
Special statistics in principal industries. **9**, III, 585–635.  
Selected statistics, by counties. **9**, III, 635.
1880. Manufactures of 100 principal cities. **10**, II, 379–445.  
<sup>37</sup>General statistics of specified industries, by states and territories. **10**, II, 9–192.  
Special statistics for special industries. **10**, II, 446–465.  
Special statistics, by counties. **10**, II, 193–378.  
Geographical distribution. **10**, II, xii–xv.  
One hundred cities ranked according to (a) gross value of product; (b) net product; (c) number of hands employed; (d) amount of wages paid. **10**, II, xxiv, xxv.  
Comments on statistics (F. A. Walker). **10**, II, i–xl.

<sup>34</sup> For the earlier period the statistics of manufactures must be sought, for the most part, in unofficial documents. Hamilton's famous *Report on Manufactures* (1791) is a rich-veined mine of precious information concerning the industrial and commercial development of this country at the end of the eighteenth century. Cf. also Harper, *First Century*, as above, chap. iii; Warden, *Statistical Account*, as above, chap. xxxvii; Macgregor, *Progress of America*, as above, Vol. II, pp. 613–670.

<sup>35</sup> Cf. De Bow, *Industrial Resources*, as above, Vol. III, p. 577.

<sup>36</sup> Cf. Peto, *Resources of America*, as above, section iii.

<sup>37</sup> Cf. Scribner, *Statistical Atlas*, plates 118–138.

## II. — SPECIAL INDUSTRIES.

1880. Rank of the six leading industries in 30 specified cities.

**10, II, xxvii.**

Report on Wool Industry: Summary of important results; amount of raw material consumed; woollen, worsted, and felt goods, wool, hides, carpets, hosiery, and knit goods. **10, II.**

Report on Hardware: Cutlery and edge tools. **10, II.**

Report on Interchangeable Mechanism: Fire arms, ammunition, sewing machines, locomotives, watches, agricultural implements. **10, II.**

Report on Iron and Steel: Summary of statistics, rank of states, blast-furnaces, rolling-mills, Bessemer steel works, forges, and bloomeries, history of production, \* maps of localities of production, etc. **10, II.**

Report on Glass: Summary of statistics, rank of states, localities of production, consolidated statistics, composition and properties, furnaces, history of processes, etc. **10, II.**

Report on Coke: Statistics by states and territories, works idle and building, coking in the United States and in Europe, coal-washing ovens, etc. **10, X.**

Report on Chemical Products and Salts: Statistics by states and territories, and by centres of manufacture, \* maps of alkaline deposits, phosphate beds and the salt industry, analyses of brines and rock salt, etc. **10, II.**

Report on Silk: Beginning of manufacture, imports of raw silk, 1843-1880, imports of silk manufactures, 1825-1880, chart of manufacture since 1874, wages, etc. **10, II.**

Report on Flour-milling Process. **10, III.**

<sup>28</sup>Report on Building Stones: Microscopic structure, chemical examination, quarry methods, kinds of rock quarried in different states, extent of stone construction in leading cities, description of quarry regions, durability of building stones in New York city. **10, X.**

Report on Cotton: Commercial crops of the world; statistics of specific manufactures, etc. **10, II.**

<sup>28</sup> Cf. Patton, *Natural Resources*, as above, chaps. xxvii-xxix,

## III. — SOCIAL QUESTIONS CONNECTED WITH MANUFACTURES.

(a) *Trade Societies.*

1880. Geographical and industrial distribution. **10, XX**, Report on Trade Societies, 2.

Reports of important societies. **10, XX**, Rep. on Tr. Soc., 4-13.

Unattached societies and branches of national societies. **10, XX**, Rep. on Tr. Soc., 4-19.

(b) *Strikes and Lockouts.*

1880. Strikes and lockouts. **10, XX**; number, 4, 5, 14-19; number in Great Britain, 6, 7; causes, 8, 9, 18-21; employees involved, 9, 20, 21; results, 10, 11, 25, 26; losses, 11-13, 27, 28.

(c) *Wages.*

1880. Wages in manufactures of agricultural implements. **10, XX**, 3-9; boots and shoes, 13-22; glass, 78-102; mining, 237-260; tanneries, 307-322; textiles, 323-409; etc.

(d) *Necessaries of Life.*

1880. Report on average prices of necessities of life. **10, XX**; average price of dry goods, 3-22; groceries, 23-43; flour, meat, etc., 44-90; coal and wood, 94-101; rent and board, 104-111.

(e) *Factory System.*

1880. The factory system. **10, II**: origin, 1-7; factory and domestic system contrasted, 17-34; influence upon wages, prices, and production, 35-54; legislation, 55-67; homes of operatives, 68-71; future, 72; bibliography, 73.

## IV. — POWER USED IN MANUFACTURES.

- 1870, 1880. Proportional amounts of steam and water power used in manufactures, by states and territories. **10, II**, Report on Power used in Manufactures, 3.

1880. Percentage of the total amount of steam and water power, of the total amount of water power, and the total amount of steam power, by states and territories. **10, II**, Report on Power, etc., 5.

Power used in manufactures, by industries, and states and territories. **10, II**, Report on Power, etc., 9-30.

\*Maps and charts showing kinds of power used and proportions.

**10**, II, Report on Power, etc., 6-8.

- 1880.<sup>39</sup> Water power of the streams of eastern New England. **10**, XVI, 41-160; of the region tributary to Long Island Sound, 161-333; of the Hudson River basin and of Lake George outlet, 335-411; of the region tributary to Lake Ontario and the New York State canals, 413-485; of the drainage basins of Lakes Huron and Erie, 487-512; of the Middle Atlantic watershed, 513-660; of the South Atlantic watershed, 661-831; of the eastern Gulf slope, 831-874.

## SECTION D.—MINING.

### I.—IN GENERAL.

- 1870.<sup>40</sup> Statistics of mining. **9**, III, 759-791; **9**, Comp., 940.

- 1880.<sup>41</sup> United States mining laws and regulations thereunder. **10**, XIV, 145.

State territorial mining laws. **10**, XIV, 47-244.

Local mining laws and regulations (Western states and territories). **10**, XIV, 245-685.

<sup>42</sup>The iron ores of the United States. **10**, XV; geographical distribution, 3-36; statistics of production, 39-76; notes on the samples of iron ore collected in various states, 77-505; analyses of the foregoing samples, 507-602.

<sup>43</sup>The coals of the United States. **10**, XV, 603-796.

<sup>44</sup>Statistics of the production of base metals. **10**, XV, 798-830. Minor minerals. **10**, XV, 831-853.

Directory of mines. **10**, XV, 855-988.

\*Titles of 102 plates. **10**, XV, xvii, xviii.

### II.—PRECIOUS METALS.

- 1880.<sup>45</sup> Geological sketch of the states and territories of the Pacific division, and of the Rocky mountains. **10**, XIII, 5-104.

<sup>39</sup> Cf. Patton, *Natural Resources*, as above, chap. xlvii.

<sup>40</sup> Cf. Peto, *Resources of America*, as above, section iv; on the general subject of mineral resources at this time, cf. Harper, *First Century*, chap. v.

<sup>41</sup> On the general subject, cf. Scribner, *Statistical Atlas*, as above, plates 139-142.

<sup>42</sup> Cf. Patton *Natural Resources*, as above, chaps. xiv, xvi.

<sup>43</sup> Cf. Patton, *Natural Resources*, as above, chaps. ii-xi; on the same subject in the previous decade, cf. Walker, *Statistical Atlas*, plates xi, xii.

<sup>44</sup> Cf. Patton, *Natural Resources*, as above, chaps. xx-xxiv.

<sup>45</sup> Cf. Patton, *Natural Resources*, as above, chaps. xvii-xix.

Deep mines : district altitude, ownership, nature and title, valuation, depth of working, mode of signalling, cost of plant, personnel and wages, causes of accidents, etc. **10, XIII, 105-177.**

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Bullion produced : production of mines by states, shipments of bullion, comparative consumption of the precious metals in the industries and arts, bullion product of the world, etc. **10, XIII, 296-382.**

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The mining districts of Utah. **10, XIII, 403-489.**

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### III. — PETROLEUM.

1880.<sup>46</sup> The natural history of petroleum. **10, X** ; history of the discovery and development of the industry, 1-18 ; geographical distribution of petroleum and other forms of bitumen, 19-36 ; the geological occurrence of bitumen, 37-52 ; the chemistry of petroleum, 53-59 ; origin of bitumens, 59-74 ; production of oil, 75-91 ; transportation and storage of petroleum, 92-102 ; petroleum in commerce, 103-133 ; production during census year, 134 ; statistics of labor employed, 142-148 ; foreign production.

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\*Maps showing distribution of bitumen, etc. **10, X, 1, 21, 24-27, 33, 51, 149, 150.**

\*Maps showing the development of the oil fields of western Pennsylvania and New York. **10, X, 21.**

<sup>46</sup> Cf. Patton, *Natural Resources*, as above, chaps. xii, xiii.

## SECTION E.—THE FISHERIES.

- 1840.<sup>47</sup> Fishery statistics. **6**, Vol. on Commerce, statistical column headed "Fisheries."  
 1850. Fishery statistics. **7**, Comp., 183.  
 1860. Fishery statistics. **8**, Mortality, xiv, and 525-549.  
 1870. Fishery statistics. **9**, III, 791; **9**, Comp., 941.  
 1880.<sup>48</sup> Fishery statistics. **10**, Comp., 1402.

## SECTION F.—RAILROADS.

- 1852.<sup>49</sup> Number of miles in operation or in course of construction. **7**, Abst., 98-106.  
 1850, 1860. Progress. **8**, Mortality, 322-336.  
 1860.<sup>50</sup> Statistics of railroads. **8**, Preliminary Report, 214-240.  
 Influence of railroads on agriculture. **8**, Agriculture, cxliv.  
 1880.<sup>51</sup> General review of the traffic and fiscal operations of the railroads. **10**, IV, 3-24.  
 General financial exhibit. **10**, IV, 26-59.  
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## SECTION G.—NEWSPAPERS AND PERIODICALS.

1850. Newspapers and periodicals. **7**, Table XII, under each state and territory; **7**, lxxv; **7**, Comp., 155; **7**, Abst., 142.  
 1850-1870. Newspapers and periodicals, (a) by states and territories; (b) by periods of issue and by classes. **9**, I, 479-497; **9**, Comp., 510-513.  
 1860. The public press. **8**, Mortality, 319-322.  
 1870. Newspapers and periodicals, by periods of issue and by classes. **9**, Comp., 508, 509.  
 1880.<sup>52</sup> Newspapers and periodicals. **10**, I, 912-916; **10**, Comp., 1627-1631.

<sup>47</sup> For the earlier period, cf. Pitkin, *Statistical View*, as above, III; Warden, *Statistical Annals*, as above, chap. xxviii; Seybert, *Statistical Annals*, as above, pp. 341-362; Macgregor, *Progress of America*, Vol. II, pp. 571-607.

<sup>48</sup> Cf. Scribner, *Statistical Atlas*, as above, plates 143, 144; Patton, *Natural Resources*, as above, chaps. xlv, xlvi.

<sup>49</sup> Cf. Macgregor, *Progress of America*, as above, Vol. II, pp. 697-739.

<sup>50</sup> Cf. Peto, *Resources of America*, as above, section vi.

<sup>51</sup> Cf. Scribner, *Statistical Atlas*, as above, plate 147.

<sup>52</sup> Cf. Scribner, *Statistical Atlas*, as above, plates 148, 149.



## SECTION H.—OCCUPATIONS.

1840. Occupations in leading industries, by states and territories. **6**, Population, 475.

The same, by counties. **6**, Population, appropriate statistical section under each state and territory.

1850. Tables of occupation. **7**, Table X, under each state and territory; **7**, Comp., 126.

1860. Tables of occupation. **8**, Population, 656–680.

1870.<sup>53</sup> Tables of occupation, by states and territories. **9**, I, 669–716.

The same, by principal cities. **9**, I, 717–804.

Summary of statistics of occupation. **9**, Comp., 594–625.

1880.<sup>54</sup> Number of persons in each class of occupations, by states and territories. **10**, I, 712–854.

The same, by principal 50 cities. **10**, I, 655–909.

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## SECTION I.—SCHOOLS, LIBRARIES, ILLITERACY.

1840.<sup>55</sup> Statistics of schools, colleges, etc., by states and territories. **6**, Population, 475.

The same, by counties. **6**, Population, appropriate statistical section under each state and territory.

1850. Statistics of schools, colleges, etc. **7**, Tables VII–IX under each state and territory; **7**, Comp., 141–154; **7**, lx–lxiii.

1860. Statistics of schools, colleges, etc. **8**, Mortality, 502–510.

1870.<sup>6</sup> Statistics of schools, colleges, etc., (a) by states and territories; (b) by classes and kinds. **9**, I, 393–478; **9**, Comp., 482–506.

1880.<sup>57</sup> Public schools and illiteracy. **10**, I, 916–926; **10**, Comp., 1633–1666.

<sup>53</sup> Cf. Walker, *Statistical Atlas*, plate xxxii; for changes in occupations since 1860; cf. *Journal of Social Science*, Vol. V, pp. 87–97 (F. A. Walker).

<sup>54</sup> Cf. Scribner, *Statistical Atlas*, as above, plates 62–69.

<sup>55</sup> For the earlier period cf. Macgregor, *Progress of America*, as above, Vol. II, pp. 96–99; Tucker, *Progress of the United States*, as above, pp. 143–148; Warden, *Statistical Account*, as above, chap. xlviii.

<sup>56</sup> Cf. Walker, *Statistical Atlas*, plates xxix, xxx; Harper, *First Century*, chap. x.

<sup>57</sup> Cf. Scribner, *Statistical Atlas*, plates 50–57.

## SECTION J.—MORTALITY.

1850. Table of deaths. **7**, Abst., 140; **7**, Table IV, under each state and territory.
- 1850–1870. The proportion of deaths from each cause to deaths from all causes and to population. **9**, II, xvii.
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- The same, by sex, disease, and age. **8**, Mortality, 44–127.
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- Commentary on foregoing tables. **8**, Mortality, 212–287; **8**, Population, xxxvi–xlvi.
- 1870.<sup>58</sup> Deaths, (a) with distinction of sex; (b) of sex and age; (c) of sex and month of death; (d) of race and nationality, etc. **9**, II, 1–413.
- \*Map, showing distribution of deaths from intestinal diseases. **9**, II, 424.
- The same, for malarial diseases. **9**, II, 145.
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- 1880.<sup>59</sup> Introductory remarks on vital statistics: general death rate, sex, age, race, and season in relation to deaths. **10**, XI, xi–xlvii.
- Table of deaths with distinction of sex, of sex and race, of sex and age, etc.; by states and territories. **10**, XI, 1–41.
- Deaths from each specified disease and class of diseases, with distinction of age and sex. **10**, XI, 43–497.
- Deaths in 50 principal cities. **10**, XI, 499–556.
- Deaths in the Chinese and Indian population. **10**, XI, 557–568.
- Deaths in certain grand groups. **10**, XI, 569–764.
- Locality in relation to deaths. **10**, XII, xi–xxvii.
- Causes of deaths. **10**, XII, xxvii–cxxxvi.
- Life tables, etc. **10**, XII, cxi–cxlii, 771–788.
- Ages of living population. **10**, XII, cl–clvii.
- Summary of the living population, births, and deaths during the census year, etc. **10**, XII, 1–183.

<sup>58</sup> Cf. Walker, *Statistical Atlas*, as above, plates xli–xlvii.<sup>59</sup> Cf. Scribner, *Statistical Atlas*, as above, plates 40–49.

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<sup>60</sup> Cf. Walker, *Statistical Atlas*, as above, plates xlvii-liv.

<sup>61</sup> Cf. Scribner, *Statistical Atlas*, as above, plates 38, 39.

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<sup>62</sup> Cf. Macgregor, *Progress of America*, as above, Vol. II, pp. 93-96; for an earlier period cf. Warden, *Statistical Account*, as above, chap. xlvix.

<sup>63</sup> Cf. Walker, *Statistical Atlas*, as above, plate xxxii; for the next decade cf. Scribner, *Statistical Atlas*, as above, plates 58-61; "the outright failures of the Census of 1880 were in respect to churches and private schools." (F. A. Walker.)

<sup>64</sup> For the earlier period something on the general subject may be found in Pitkin, *Statistical View*, as above, pp. 725-776; Warden, *Statistical Account*, as above, chap. xliii; Macgregor, *Progress of America*, as above, Vol. II, pp. 1234-1249.

<sup>65</sup> Cf. Peto, *Resources of America*, as above, section viii.

<sup>66</sup> Cf. Walker, *Statistical Atlas*, as above, plates xxxiv, xxxv.

<sup>67</sup> Cf. Scribner, *Statistical Atlas*, as above, plates 73-79.

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